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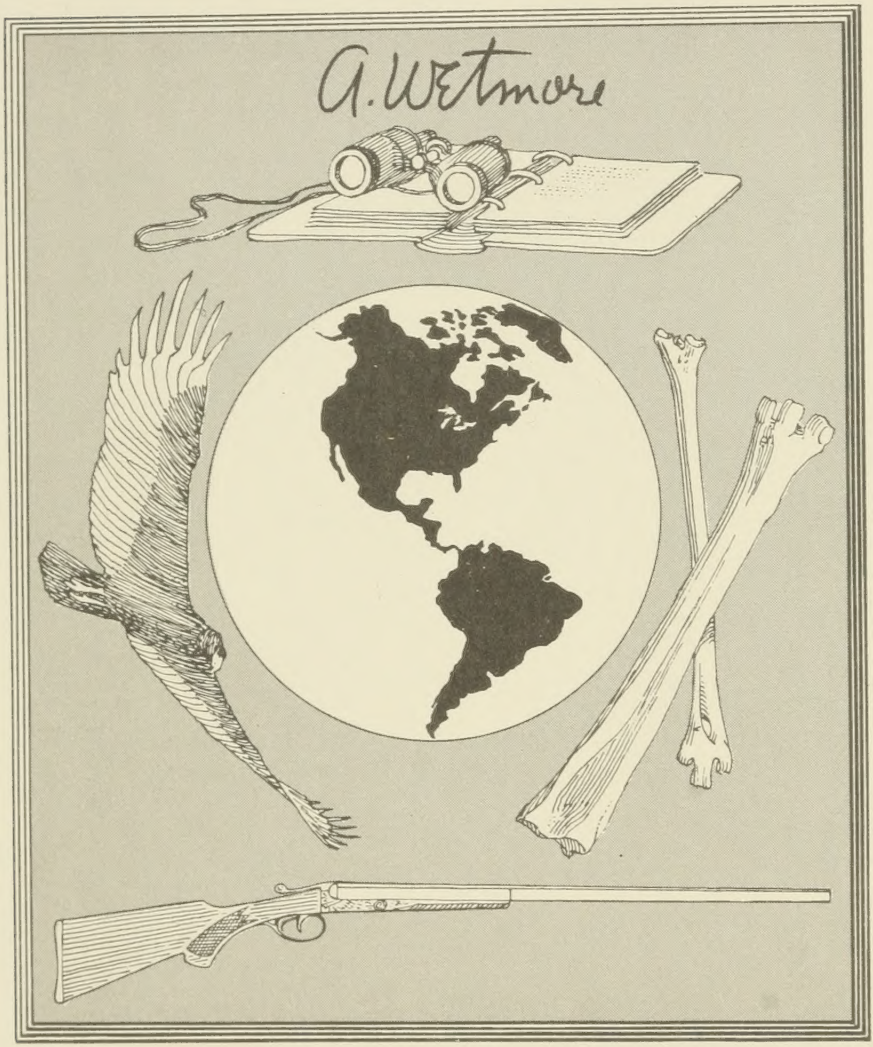

Alexander Wetmore

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(Massachusetts)

Mr. K. A. Purdie,
with the compliments of
A. P. Morse.

BIRDS OF WELLESLEY AND VICINITY

BY

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1897

GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET, BOSTON

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INTRODUCTION.

THE following list is designed especially for the use of students in Wellesley College, and others interested in the bird-life of Wellesley and surrounding towns, its chief purpose being to give an approximately correct idea of the bird-life of the district, and serve as a convenient pocket guide to observations. Its field of usefulness, however, especially with reference to the land-birds, is not confined to the area mentioned, but comprises the greater part of Eastern Massachusetts.

The list is based upon personal observations, the readily accessible published records of occurrence of the rarer species, and notes furnished by a number of observers, collectors, and taxidermists having a practical acquaintance with the birds of the district. The works treating of New England birds have also been used, when necessary.

The arrangement is that of the Check-list of the American Ornithologists' Union. Under each species is given the A. O. U. number (for convenience in referring to other lists, cataloguing, etc.); one or more vernacular names, that adopted by the A. O. U. standing first; the scientific name and authority, including the changes authorized in the Eighth Supplement to the A. O. U. Check-list; and notes on the abundance, season, haunts, and site and elevation of nest. The dates of arrival and departure are drawn largely from the data for Cambridge, based upon the notes of Mr. Brewster, published in Chapman's Handbook. These are, however, modified to some extent from personal

experience. In case of residents the date of nesting also is given; of summer residents, the nests should be sought from ten days to three weeks after arrival.

Page references are given to some of the later and more desirable text-books, as follows: —

Stearns and Coues, "New England Bird Life," 2 vols.
Minot, "Land-Birds and Game-Birds of New England," edited by Wm. Brewster, whose notes will be found of especial value.
Willcox, "Common Land-Birds of New England"; best for the beginner.
Chapman, "Handbook of Birds of Eastern North America" (to which reference is made by the A. O. U. number). When supplied with a good opera-glass and this admirable work in flexible covers, the bird-student may be said to be fully equipped.

The list contains only those species reported on sufficiently good evidence as having been found within a radius of about eight miles of Wellesley College; yet all of the inland land-birds occurring regularly in eastern Massachusetts are included in it. The district covered includes the towns of Wellesley, Weston, Waltham, Newton, Needham, Dedham, Dover, Medfield, Sherborn, Ashland, Framingham, Natick, Wayland, and Sudbury. This tract of country, reaching tide-water on the Charles River at Newton and rising in scattered hills to altitudes of 300 to 600 feet, but lying for the most part between 100 and 200 feet above sea-level, while presenting a considerable variety of physical conditions in the shape of lakes, rivers, broad savanna-like meadows, forests, and farms, possesses on the whole a practically uniform avifauna, the same species occurring throughout the district wherever the conditions are similar. Though not far removed from the coast, its fauna is essentially inland, the coastwise species found being few

in number and limited to individuals occasionally driven inland by storms, the tide-water or saltmarsh-frequenting species also being excluded by its position.

The list contains 75 water-birds and 169 land-birds; in all, 244 species and varieties. Of these about 23 are visitors from the coast, and about 36 are accidental wanderers from various points of the compass, chiefly from the West and South. Of the 185 species remaining, 95 land-birds and 20 water-birds are fairly common, and should be met with by an ordinary observer in the course of the year, while the remaining 70 are either scarce or irregular in distribution, and are unlikely to be seen except by special effort or good fortune.

Appended to this list is a supplementary one containing the additional land-birds recorded from New England; and it will be noticed that nearly all of them have been taken in Eastern Massachusetts. This fact is probably due to two causes: first, to the presence of an ocean barrier to the eastward, causing an accumulation of wanderers from the West on its border; and, second, to the populous character of the district, which renders the detection and capture of unfamiliar species much more probable whenever they happen to occur.

Of the 185 species which may be considered as forming the avifauna proper to the district, about one-half are summer residents, one-third migrants or transient visitors, and the remainder about half residents and half winter visitors. It is probable that several species nominally considered resident are represented by different individuals in summer and winter.

About 90 species, nearly all land-birds, have been noted from time to time by various observers in the limited area of the college grounds.

For the benefit of the beginner living in Wellesley there is added a brief list of those species most likely to be noticed within a half-mile of College Hall.

Among those who have aided by notes or suggestions, and to whom I desire particularly to acknowledge my obligations, are Messrs. F. C. Browne and H. D. Eastman of Framingham; A. L. Babcock, E. J. Smith, and F. A. Sylvester of Sherborn; P. S. Roberts of Natick; L. Schneider and Matthew Brown of South Natick; J. Goulding and A. W. Morse of South Sudbury; C. J. Maynard of Newtonville; Geo. E. Browne of Dedham; S. W. Denton, S. F. Denton, and Thomas Smith of Wellesley; Miss A. C. Chapin, Miss K. Edwards, and Miss M. E. Hubbard of Wellesley College; Mr. H. A. Purdie of Boston; Mr. Bradford Torrey of Wellesley Hills; Dr. Walter Faxon and Mr. Wm. Brewster of Cambridge. Acknowledgment is due also to Mr. E. O. Perkins, of Wellesley, for permission to use his photograph of the "Screech Owls and Nest" (taken on the college grounds in 1895 and reproduced in part in the frontispiece), a picture which needs to be seen in the original to be fully appreciated.

LIST OF BIRDS OF WELLESLEY AND VICINITY.

The abbreviations used are: Am. Nat. = American Naturalist; BL = New England Bird Life, by Stearns and Coues; B.N.O.C. = Bulletin of the Nuttall Ornithological Club; M = Minot's Birds of New England, edited by Wm. Brewster; Nat. Guide = The Naturalist's Guide, by C. J. Maynard, edition of 1870; O. & O. = Ornithologist and Oölogist; W = Willcox's Common Land-Birds of New England.

2. Holbœll's Grebe, Red-necked Grebe — *Colymbus holbœllii* (Reinh.). Rather rare migrant: Mar., Oct.–Dec., on lakes and rivers. Framingham, Mar. 19, 1893, in collection of H. D. Eastman; Sherborn, on Charles R. just below Broad Meadows, Mar., 1892 or 1893, two specimens by Matthew Brown, one still in his possession, the other in collection of Thomas Smith of Wellesley. BL ii 391.

3. Horned Grebe — *Colymbus auritus* Linn. Migrant, casual, Mar.–May, Oct.–Dec. On lakes and streams. L. Cochituate, Natick, one adult in fall.— Roberts. A pair were observed repeatedly, a part of the time with an opera-glass, on the mill brook, So. Natick, in May, 1893 and 1894, remaining about two weeks each time.— M. Brown. BL ii 392.

6. Pied-billed Grebe, "Dipper" — *Podilymbus podiceps* (Linn.). Common migrant, especially in fall; Apr., Aug.–Nov. Probably breeds. Lakes and rivers. Nest of

rushes, etc., in shallow water, or floating and attached to margin. BL ii 393.

7. Loon — *Urinator imber* (Gunn.). Migrant, frequently observed on lakes, Apr., Sept.–Nov. BL ii 388.

11. Red-throated Loon — *Urinator lumme* (Gunn.). Migrant, rare. On lakes and rivers. L. Cochituate, Natick, two young in fall,— Roberts. BL ii 390.

34. Dovekie, "Little Auk" — *Alle alle* (Linn.). Common winter resident off coast: sometimes blown inland by severe storms. S. F. Denton has one taken in Wellesley, Nov. 24, 1878, and reports seeing it once before and once since. Quite a number were taken in this vicinity about 1871 or 1872. BL ii 395.

51a. American Herring Gull, Common Gull — *Larus argentatus smithsonianus* Coues. Abundant winter resident on coast, Nov.–Apr. Frequently observed about larger lakes and rivers in spring and fall. BL ii 348.

54. Ring-billed Gull — *Larus delawarensis* Ord. Casual. Migrant. Common on coast and in interior. Natick, L. Cochituate, Oct., 1896, and fall of 1891, both young,— Roberts. BL ii 349.

60. Bonaparte's Gull — *Larus philadelphia* (Ord). Migrant; common on coast, especially in fall; casual on lakes. Farm L., Sherborn,— E. J. Smith; L. Cochituate, Natick, one in spring, two in fall,— Roberts. BL ii 352.

70. Common Tern, Wilson's Tern — *Sterna hirundo* Linn. Common summer resident off south shore of New England, May–Sept. Casual on lakes in summer. L. Cochituate, Natick, May 22, 1883, in collection of E. J. Smith. This or some other species has been seen in Wellesley on two occasions by S. F. Denton. BL ii 358.

71. Arctic Tern — *Sterna paradisea* Brünn. Common resident on coast, casual inland. Natick, two speci-

mens in fall about L. Cochituate,—Wm. Edwards, in letter cited under No. 196. There is little doubt that one of these is the unlabeled one in the So. Natick museum, the other is perhaps in the Wellesley College collection. BL ii 370.

77. Black Tern — *Hydrochelidon nigra surinamensis* (Gmel.). Irregular migrant. Casual. Sudbury, June 20, 1889, in collection of H. D. Eastman; Wayland, June 10, 1889, two males, one in N.E. collection of Boston Soc. Nat. Hist. (Maynard's Contrib. to Science, vol. i, p. 99, 1889.) BL ii 375.

89. Greater Shearwater — *Puffinus gravis* (O'Reilly). Common off coast in summer, accidental inland. One example captured alive on Cheney estate, Dover, after hard storm, Aug. 16 *, 1887 (O. & O. xiii 104); in collection of Thomas Smith, Wellesley. BL ii 383.

106. Leach's Petrel — *Oceanodroma leucorhoa* (Vieill.). Migrant, common off coast, accidental inland. Farm Pond, Framingham, taken by Henry Perry, in collection of A. L. Babcock. BL ii 382.

120. Double-crested Cormorant — *Phalacrocorax dilophus* (Swain.). Not uncommon winter resident off coast, casual inland. In letter cited under No. 196, Mr. Edwards speaks of a cormorant shot on banks of Morse's Pond, in Wellesley, about eight years before (*i.e.*, 1879), and then in So. Natick museum. The specimen now there, and which is probably the one referred to, is an immature example of this species. Another (probably this species) reported seen in same locality by S. F. Denton. BL ii 340.

129. American Merganser, Sheldrake — *Merganser americanus* (Cass.). Winter resident on coast. Common on lakes and rivers in Apr., less so in fall. BL ii 331.

131. Hooded Merganser — *Lophodytes cucullatus* (Linn.). Migrant, rather rare in spring and fall on rivers

* Erroneously given as Nov. 25 in O. & O.

and streams: Mar.–Apr., Oct.–Nov. I shot a male out of a flock of three which were flying along Charles R. between Dover and Sherborn, Mar. 29, 1883: in collection of E. J. Smith. Mr. Babcock reports two from Natick or vicinity in previous years. BL ii 333.

132. Mallard — *Anas boschas* Linn. Rather rare migrant. Casual on rivers and smaller ponds. Several taken in years past, two in fall of 1895.— Babcock, A. W. Morse. BL ii 304.

133. Black Duck, Dusky Duck — *Anas obscura* Gmel. Common migrant. Scarce summer resident, March–Nov. A few breed about smaller ponds and streams. Nest on ground in swamp. BL ii 306.

137. Baldpate, American Widgeon — *Anas americana* Gmel. Migrant. Casual in fall. Wayland, Oct. 1, 1881 (B.N.O.C. vii 185); Little Pond, Sherborn.— Babcock. BL ii 309.

139. Green-winged Teal — *Anas carolinensis* Gmel. Rather scarce migrant, Apr., Sept.–Nov. Formerly common on streams and smaller ponds in fall. BL ii 310.

140. Blue-winged Teal — *Anas discors* Linn. Rather scarce migrant, Apr., Aug.–Oct. Formerly common on streams and smaller ponds. BL ii 311.

144. Wood Duck, Summer Duck — *Aix sponsa* (Linn.). Common migrant. A few breed, Mar.–Nov. Ponds and streams. Nest in hollow tree near water. BL ii 312.

146. Redhead — *Aythya americana* (Eyt.). Migrant. Casual. Framingham, Oct., 1879,— F. C. Browne (B.N.O.C. vi 127). BL ii 315.

147. Canvasback — *Aythya vallisneria* (Wils.). Migrant. Casual. Wayland, Nov. 6, 1895; taken by C. Paine,— Wm. Brewster. BL ii 316.

148. American Scaup Duck — *Aythya marila nearctica* Stejn. Winter resident on coast. Casual on lakes. Two examples, fall: Dug Pond, Natick,— Roberts; L. Waban, Wellesley,— S. F. Denton. BL ii 313.

149. Lesser Scaup Duck, Little Blackhead — *Aythya affinis* (Eyt.). Migrant. Scarce. At Cambridge common in fall, rare in spring. Framingham, Oct., 1880.— F. C. Browne (B.N.O.C. vi 127); Wellesley,— S. F. Denton. BL ii 314.

150. Ring-necked Duck — *Aythya collaris* (Donov.). Rare migrant. Mr. Babcock reports a specimen from Medfield Meadows years ago, and I mounted a male taken on Farm L., Sherborn, in Mar. or Apr., 1880. BL ii 314.

151. American Golden-eye, Whistler — *Clangula clangula americana* (Bonap.). Migrant, and winter resident on coast. Common on ponds in Mar. and Apr. (also Oct.–Nov.?). BL ii 317.

153. Bufflehead — *Charitonetta albeola* (Linn.). Winter resident on coast. Not uncommon on ponds in Oct.–Nov. Casual in spring. BL ii 318.

163. American Scoter, Black Scoter — *Oidemia americana* Swains. Winter resident on coast. Casual in fall on lakes; Sherborn,— Babcock; Wellesley,— S. F. Denton. BL ii 326.

165. White-winged Scoter — *Oidemia deglandi* Bonap. Common in fall and winter on coast. Casual, sometimes not uncommon on lakes in fall; Framingham.— Eastman; Wellesley,— S. F. Denton. BL ii 327.

166. Surf Scoter, Surf Duck — *Oidemia perspicillata* (Linn.). Winter resident on coast. Casual on lakes in fall. Wellesley,— S. F. Denton. BL ii 328.

167. Ruddy Duck — *Erismatura jamaicensis* (Gmel.). Migrant. Common on lakes and ponds in Oct.–Nov.

Sherborn,— Babcock, E. J. Smith; Framingham,— F. C. Browne; Wellesley,— M. Brown, S. F. Denton. BL ii 330.

172. Canada Goose, Wild Goose — *Branta canadensis* (Linn.). Common migrant, Mar.–Apr., Oct.–Dec. Commonly seen flying over in flocks; frequently alights on lakes and rivers. BL ii 303.

180. Whistling Swan, Wild Swan — *Olor columbianus* (Ord). Very rare or accidental migrant. Weston, Dec. 17, 1890 (Auk viii 232). BL ii 296.

186. Glossy Ibis — *Plegadis autumnalis* (Hasselq.). Accidental from South. Mr. Babcock reports seeing a pair exhibited at Framingham many years ago, which were taken at L. Cochituate. BL ii 254.

190. American Bittern, "Stake-driver" — *Botaurus lentiginosus* (Montag.). Not uncommon summer resident, Apr. 15–Nov. Wet, grassy meadows and swamps. Nest on ground, in swamps. BL ii 269.

191. Least Bittern — *Ardetta exilis* (Gmel.). Rare or scarce summer resident, Apr. 15–Aug. Shores of streams and ponds. Nest in marsh, among rushes or in small bush. BL ii 273.

194. Great Blue Heron — *Ardea herodias* Linn. Common migrant, Apr.–May, Aug.–Nov. Shores of ponds and streams; common along Charles R., Aug. 15–Sept. BL ii 259.

196. American Egret, "Great White Heron" — *Ardea egretta* Gmel. Rare wanderer from South. An adult male in full plumage was taken in Ashland in the early '60's by Benj. Twitchell, and mounted by A. L. Babcock. With it was a young bird (the first was recorded by Allen, Am. Nat. iii 637). Mr. Babcock informs me that an immature example was shot on Charles R. between Dover and Sherborn by Abram Bigelow of Dover, mounted by Wm. Edwards, and placed in the col-

lection of the So. Natick Nat. Hist. Soc., but has since been destroyed. Mr. Edwards, in a letter to Mr. Purdie, under date of Feb. 2, 1887, states that it was taken about thirty years previously: *i.e.*, about 1857. This specimen was probably never recorded. Another example was taken on the Neponset R., Dedham, about 1863.— G. E. Browne. BL ii 260.

200. Little Blue Heron — *Ardea cærulea* Linn. Very rare summer wanderer from South. C. J. Maynard reports chasing one unsuccessfully for half a day in a swamp in Newton. BL ii 263.

201. Green Heron — *Ardea virescens* Linn. Common summer resident. May 5–Sept. About woodsy ponds, streams, and swamps. Nest of sticks in bush or low tree. BL ii 264.

202. Black-crowned Night Heron — *Nycticorax nycticorax nævius* (Bodd.). Not uncommon summer resident. Winters in Cambridge, perhaps in this district also. Nest of sticks on high trees, in dense swampy woods, in colonies. BL ii 265.

Mr. Babcock reports that a Yellow-crowned Night Heron (*203. Nycticorax violaceus* (Linn.)), which he thinks was shot in Ashland, was brought to him to be stuffed, about forty years ago. This species occurs rarely in N.E., as an accidental summer visitant from South. BL ii 267.

208. King Rail — *Rallus elegans* Aud. Rare wanderer from South, possibly summer resident. Marshes and weedy edges of ponds and streams. Sudbury Meadows (BL ii 283). Dedham, Aug. 28, 1894.— in collection of G. E. Browne. BL ii 282.

211. Clapper Rail — *Rallus crepitans* Gmel. Rare or accidental summer visitant from the South, in grassy saltmarshes, casually inland. Dedham, one adult about 1863,— Geo. E. Browne. BL ii 279.

212. Virginia Rail — *Rallus virginianus* Linn. Common summer resident. Apr. 20–Oct. 15. Marshes and weedy edges of ponds and streams. Seldom seen until Aug. or Sept. Nest on ground in marshes. BL ii 283.

214. Sora, Carolina Rail, "Meadow Hen" — *Porzana carolina* (Linn.). Common summer resident, Apr. 20–Oct. 20. Haunts and habits like those of preceding. BL ii 286.

215. Yellow Rail — *Porzana noveboracensis* (Gmel.). Rare transient visitant. Apr.–May, Sept.–Oct. Newton, Sept. 1868 (Am. Nat. iii 639). Sudbury Meadows in fall of 1895, two examples by C. Paine,— A. W. Morse. BL ii 287.

219. Florida Gallinule, Common Gallinule — *Gallinula galeata* (Licht.). Rare summer resident, May 10–Oct. Marshes, etc. Nest on ground. Natick, near L. Cochituate,— Roberts; Sherborn, Little Pond,— Babcock; Wayland,— BL ii 291.

221. American Coot — *Fulica americana* Gmel. Migrant, Apr., Sept.–Nov. Not uncommon in fall on ponds and streams. BL ii 294.

222. Red Phalarope — *Crymophilus fulicarius* (Linn.). Irregularly not uncommon off coast, accidental inland. Sudbury Meadows, Wayland, Oct. 9, 1896, shot by C. Paine,— Wm. Brewster. BL ii 189.

223. Northern Phalarope — *Phalaropus lobatus* (Linn.). Common off coast, accidental inland. One example. Sudbury Meadows, taken by N. Browne of Sudbury, about 1866,— in collection of G. E. Browne. BL ii 187.

225. American Avocet — *Recurvirostra americana* Gmel. Accidental from West. One example, L. Cochituate, Natick, 1881,— Roberts. BL ii 180.

228. American Woodcock — *Philohela minor* (Gmel.). Migrant, a few breed; March–Nov., common in fall. Moist, shaded grounds, along small streams and in swamps. BL ii 191, M 418.

230. Wilson's Snipe — *Gallinago delicata* (Ord). Migrant, Apr. 5–May 5, Sept.–Nov. Common locally in spring and fall; probably sometimes breeds, as half-grown young on Aug. 1 are reported from So. Sherborn by F. A. Sylvester. Grassy meadows and swamps. Nest on ground. BL ii 194, M 426.

231. Dowitcher, Red-breasted Snipe — *Macrorhamphus griseus* (Gmel.). Migrant, common on coast, May, July–Sept. 15. Occasional, sometimes not very uncommon in fall on lake-shores,— Roberts. L. Cochituate, several in fall, one on March 8, 1894,— Roberts; Sherborn, Farm L., one in May,— A. P. Morse. BL ii 198.

233. Stilt Sandpiper — *Micropalama himantopus* (Bonap.). Rare migrant on coast, accidental inland. Needham, July 24, 1871 (Am. Nat. v 727). BL ii 206.

234. Knot, Robin Snipe — *Tringa canutus* Linn. Migrant, common on coast, casual inland. L. Cochituate, one in fall by S. Bowker,— Roberts. BL ii 228.

239. Pectoral Sandpiper — *Tringa maculata* Vieill. Common migrant on coast; occasional inland, Sept.–Nov. 11. Framingham,— F. C. Browne; Natick,— Roberts. Dedham,— G. E. Browne. BL ii 220.

242. Least Sandpiper — *Tringa minutilla* Vieill. Migrant, common on coast, May 25–31, July 20–Sept. Occasional on shores of ponds and streams. Several examples about the various lakes. BL ii 214.

243a. Red-backed Sandpiper — *Tringa alpina pacifica* (Coues). Migrant, common on coast. Occasional on Neponset Meadows in fall,— G. E. Browne. BL ii 223.

246. Semipalmated Sandpiper — *Ereunetes pusillus* (Linn.). Abundant on coast, Apr., Aug.–Sept. Occasional on lake-shores. Wellesley, in fall,— Torrey; Framingham, Aug. 11–Oct.,— F. C. Browne (B.N.O.C. vi 127 and notes). BL ii 212.

248. Sanderling — *Calidris arenaria* (Linn.). Migrant, common on coast, Apr.–May, Sept.–Oct. Occasional on lake-shores after storms in fall. L. Cochituate,— Roberts, E. J. Smith; Framingham,— F. C. Browne. BL ii 229.

251. Hudsonian Godwit — *Limosa hæmastica* (Linn.). Migrant, scarce, most often seen on coast in Aug. and Sept. Dedham, taken by G. E. Browne and now in his collection. BL ii 232.

254. Greater Yellow-legs — *Totanus melanoleucus* (Gmel.). Migrant, common on coast, Apr. 15–June, Sept.–Oct. Occasional on lake-shores in fall and spring after storms. Natick,— Roberts, Babcock; Framingham,— F. C. Browne (B.N.O.C. vi 127). BL ii 236.

255. Yellow-legs, Summer Yellow-legs — *Totanus flavipes* (Gmel.). Migrant, on coast rare in May, sometimes common Aug.–Sept. Frequently taken about ponds and streams. BL ii 237.

256. Solitary Sandpiper — *Totanus solitarius* (Wils.). Migrant, May 15–25, July 20–Oct. Rather common, especially along Charles R. in Aug. BL ii 238, W 153.

258. Willet — *Symphemia semipalmata* (Gmel.). Migrant, scarce on coast, rare inland. One example, L. Cochituate, in fall,— Roberts. BL ii 233.

261. Bartramian Sandpiper, Upland Plover — *Bartramia longicauda* (Bechst.). Scarce migrant, Apr. 25–May 5, July 30–Sept. 15. Occasionally heard when flying over, or seen on high, grassy hills. BL ii 245.

263. Spotted Sandpiper, "Teeter-tail" — *Actitis macularia* (Linn.). Common summer resident, Apr. 26–Sept. Shores of lakes and streams. Nest on ground in open fields, usually not far from water, but sometimes at some distance. BL ii 241, W 152.

272. American Golden Plover — *Charadrius dominicus* Müll. Migrant, common on coast, Apr.. Aug.–Oct. Occasional on lake-shores, marshes, etc. Several examples in fall; Framingham,— F. C. Browne; Natick,— E. J. Smith. BL ii 166.

273. Killdeer — *Ægialitis vocifera* (Linn.). Rare, in spring and fall; no recent occurrence. Framingham,— F. C. Browne; Newtonville,— Maynard; Needham,— S. F. Denton; Sherborn,— Babcock. BL ii 168.

274. Semipalmated Plover, Ring-neck — *Ægialitis semipalmata* Bonap. Migrant, on coast uncommon in spring, often common in Aug.–Oct. Occasional inland in fall on lake-shores. Framingham, Oct.,— F. C. Browne (B.N.O.C. vi 127). BL ii 173.

277. Piping Plover — *Ægialitis meloda* (Ord). Common summer resident on coast. Sometimes rather common in fall along L. Cochituate,— Roberts. BL ii 175.

289. Bob-white, Quail — *Colinus virginianus* (Linn.). Common resident. Fields, pastures, and scrubby woods. Nest on ground in grassy fields or bushy pastures; May. BL ii 157, M 412.

300. Ruffed Grouse, Partridge — *Bonasa umbellus* (Linn.). Common resident. Woodlands in less settled districts. Nest on ground in woods; May. BL ii 150, M 406.

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310. Wild Turkey — *Meleagris gallopavo* Linn. Formerly resident throughout greater part of southern New England, and found in this vicinity, but now long extirpated. BL ii 143.

315. Passenger Pigeon, Wild Pigeon — *Ectopistes migratorius* (Linn.). Very rare. I have seen but one or two in last five years. Formerly a common summer resident, May–Oct. BL ii 139, M 395.

316. Mourning Dove — *Zenaidura macroura* (Linn.). Not uncommon summer resident, March–Oct. Grain-fields, roads, and weedy pastures near pine woods. Nest of twigs on tree, 10 ft., rarely on ground; May. BL ii 140, M 401.

325. Turkey Vulture, Turkey Buzzard — *Cathartes aura* (Linn.). Rare wanderer from South. Several instances in eastern Massachusetts. Waltham, Aug. 1867 (Nat. Guide 137); Weston, Apr., 1893 (Auk xi 250). BL ii 135, M 392.

331. Marsh Hawk — *Circus hudsonius* (Linn.). Not uncommon summer resident; most numerous in migrations, Mar. 15–Apr. 15, Sept.–Oct. Flying low over pastures and meadows, hunting field-mice. Nest on ground in swamps; May. BL ii 101, M 360.

332. Sharp-shinned Hawk — *Accipiter velox* (Wils.). Rather common summer resident, Apr.–Oct.; rare winter visitant. Orchards, clearings, near poultry-houses and nesting-site in secluded pine woods. Nest in pine-trees, 15–40 ft.; May. BL ii 104, M 370.

333. Cooper's Hawk — *Accipiter cooperii* (Bonap.). Rather common summer resident, Apr.–Oct.; sometimes winters. Less common than preceding; haunts and habits the same. Nest in pine-trees, 25–50 ft.; May. BL ii 105, M 372.

334. American Goshawk — *Accipiter atricapillus* (Wils.). Irregular visitor in fall and winter; rather rare, but sometimes, as in 1896, not uncommon, Oct.–Dec. BL ii 108, M 374.

337. Red-tailed Hawk, Hen-hawk — *Buteo borealis*

(Gmel.). Common in spring migration, Apr., less common resident. Sailing overhead or perched on scattered trees in pastures and wild woodlands. Nest of sticks in tree, 30–70 ft.; Apr.–May. BL ii 121, M 375.

339. Red-shouldered Hawk, Hen-hawk — *Buteo lineatus* (Gmel.). Common summer resident; rather common in winter. Haunts and nest like preceding. BL ii 123, M 376.

342. Swainson's Hawk — *Buteo swainsoni* Bonap. Rare wanderer from West. Wayland, about Sept. 12, 1876. BL ii 124, M 476.

343. Broad-winged Hawk — *Buteo latissimus* (Wils.). Scarce visitor in spring and fall and occasional summer resident. Breeds in Waltham,— Faxon. Natick. — Roberts; Framingham,— Eastman; Newton. BL ii 125, M 381.

347a. American Rough-legged Hawk, Black Hawk — *Archibuteo lagopus sancti-johannis* (Gmel.). Rare migrant and winter visitant. Mr. Babcock reports a specimen from this vicinity in his collection. Sherborn, Nov. 2, 1870, in collection of E. J. Smith. BL ii 126, M 382.

352. Bald Eagle, White-headed Eagle — *Haliæetus leucocephalus* (Linn.). Rare transient visitant. An adult male in full plumage was taken at So. Sherborn in winter, about 1884, and an immature example seen, by F. A. Sylvester. Mr. Eastman reports a young specimen from Framingham, in fall of 1895. BL ii 133, M 385.

357. Pigeon Hawk — *Falco columbarius* Linn. Scarce migrant, Apr. 10–May 5, Sept.–Oct.; occasional in winter. BL ii 117, M 366.

360. American Sparrow Hawk — *Falco sparverius* Linn. Scarce summer resident, Feb.–Nov.; rarely winters. On dead stubs and branches of trees in fields and thin woods. Nest in hole in tree; May. BL ii 118, M 368.

364. American Osprey, Fish Hawk — *Pandion haliaëtus carolinensis* (Gmel.). Not uncommon migrant, Apr. and Sept. About lakes and rivers. BL ii 127, M 390.

365. American Barn Owl — *Strix pratincola* Bonap. Accidental from South. One example recorded from Dover ("The Observer," Apr., 1896, p. 139,— Portland, Conn.). Mr. Purdie states, on information sent by Mr. Edwards, that this specimen was killed about the middle of Dec., 1886. BL ii 86, M 341.

366. American Long-eared Owl — *Asio wilsonianus* (Less.). Not uncommon resident. Secluded woods and swamps. Nest in tree, 20 ft. or more; Apr. BL ii 90, M 342.

367. Short-eared Owl — *Asio accipitrinus* (Pall.). Scarce or rare migrant, Apr. and Oct.–Nov. Common on coast, rather common in Concord,— Brewster. Frequents long grass of meadows and swamps. Sherborn,— Babcock, E. J. Smith; Natick,— Roberts; Wayland,— A. W. Morse. BL ii 91, M 343.

368. Barred Owl — *Syrnium nebulosum* (Forst.). Rare resident, less uncommon fall migrant, Oct.–Nov. Dense, swampy woodlands. Nest in hollow tree or old crow's or hawk's nest. BL ii 94, M 345.

370. Great Gray Owl — *Scotiaptex cinerea* (Gmel.). Very rare winter visitant. One was shot near residence of A. L. Babcock, Sherborn, many years ago (BL ii 93). BL ii 92, M 344.

371. Richardson's Owl — *Nyctala tengmalmi richardsoni* (Bonap.). Very rare winter visitant from North. Newton (BL ii 98). Framingham, Jan. 1, 1885, in collection of F. C. Browne (Auk ii 384); W. Dedham, about 1862,— G. E. Browne. BL ii 97, M 347.

372. Saw-whet Owl, Acadian Owl — *Nyctala acadica* (Gmel.). Scarce fall and winter visitant, Nov.–Mar.: perhaps rarely resident. Orchards and woods. Several examples, among them one on Oct., 5, 1889, Sherborn,— E. J. Smith; Natick, four, chiefly in late fall,— Roberts. BL ii 98, M 348.

373. Screech Owl — *Megascops asio* (Linn.). Common resident, in woodlands and especially in old orchards with hollow trees. Feeds chiefly on mice, etc. Nest in hollow tree, 4–30 ft.; Apr. BL ii 89, M 349.

375. Great Horned Owl — *Bubo virginianus* (Gmel.). Not very uncommon resident in dense woods of heavy timber. Nest in trees, usually in old hawk's or crow's nest; Mar. Dr. Faxon reports a very light-colored specimen, probably belonging to one of the pale western races, in Mus. Comp. Zool. collection, taken at Waltham, Nov. 30, 1867, by C. J. Maynard. BL ii 87, M 353.

376. Snowy Owl — *Nyctea nyctea* (Linn.). Rare and irregular migrant, Mar., Oct.–Nov.; less uncommon coastwise. Needham, years ago, in collection of Thomas Smith, Wellesley; on Brush Hill, Sherborn, about Nov. 30, 1896, by J. H. Goodell of Framingham. BL ii 94, M 355.

377a. American Hawk Owl — *Surnia ulula caparoch* (Müll.). Accidental winter visitant from North. Framingham, about 1885,— Browne (Auk ii 220); Natick, about 1862 or 1863,—Babcock (ibid., also Am. Nat. iii 569). BL ii 96, M 357.

387. Yellow-billed Cuckoo — *Coccyzus americanus* (Linn.). Less common than Black-billed, but not scarce: summer resident, May 12–Aug. Groves and orchards. Nest in low trees or shrubbery, 4–15 ft. BL ii 67, M 319, W 151.

388. Black-billed Cuckoo — *Coccyzus erythrophthal-*

mus (Wils.). Common summer resident,—see preceding species. BL ii 65, M 321, W 150.

390. Belted Kingfisher — *Ceryle alcyon* (Linn.). Rather common summer resident, Mar. 17–Oct. Wooded shores of streams and ponds. Nest, a horizontal hole in sand-bank; May. BL ii 62, M 317, W 149.

393. Hairy Woodpecker — *Dryobates villosus* (Linn.). Irregular and usually scarce fall and winter visitant; rarely a summer resident (Faxon). Mr. Torrey has found it nesting in Natick. Groves and woodlands. BL ii 71, M 333, W 147.

394c. Downy Woodpecker — *Dryobates pubescens medianus* (Swains.). (The male is sometimes erroneously called "Red-headed Woodpecker.") Common resident. Orchards and woodlands. Nest, a hole in tree, 3–20 ft.; May. BL ii 72, M 335, W 146.

400. Arctic Three-toed Woodpecker, Black-backed Three-toed Woodpecker — *Picoides arcticus* (Swains.). Very rare fall and winter visitant from North. Mr. Babcock has a specimen taken in Sherborn probably about 1870; Sudbury, Dec. 16, 1893,—A. W. Morse; both on pine-trees. BL ii 74, M 332.

402. Yellow-bellied Sapsucker — *Sphyrapicus varius* (Linn.). Scarce migrant, Apr. and Oct. Orchards and groves. BL ii 76, M 329.

405. Pileated Woodpecker — *Ceophlœus pileatus* (Linn.). Very rare or accidental fall and winter visitant from North. One reported seen at So. Sherborn about 1894 by F. A. Sylvester. BL ii 69, M 337.

406. Red-headed Woodpecker — *Melanerpes erythrocephalus* (Linn.). Scarce and irregular fall and winter visitant. Sometimes two or three are taken in fall, both young and old. BL ii 80, M 327.

409. Red-bellied Woodpecker — *Melanerpes carolinus* (Linn.). Rare or accidental wanderer from South. One recorded from Newton, Nov. 25, 1880 (M 327). BL ii 79, M 327.

412. Flicker, Golden-winged Woodpecker, Yellow-hammer — *Colaptes auratus* (Linn.). Common summer resident, Apr.–Oct.; a few winter. Orchards and groves, sometimes on fields and lawns. Nest, a hole in tree, 4–20 ft. BL ii 82, M 324, W 145.

417. Whip-poor-will — *Antrostomus vociferus* (Wils.). Common summer resident, Apr. 28–Sept. 20. Groves and woodlands, often about farm-houses and fences in fields at night. Eggs laid on ground in woods. BL ii 50, M 306.

420. Nighthawk — *Chordeiles virginianus* (Gmel.). Local summer resident, in places not uncommon, May 15–Sept. 25. Flying about at sunset, by day in ledgy woods. Eggs laid on bare ground, ledges, or even flat roofs. BL ii 52, M 308.

423. Chimney Swift, Chimney Swallow — *Chætura pelagica* (Linn.). Abundant summer resident, Apr. 25–Sept. 20. Flitting overhead; especially plentiful near old chimneys in May and Aug. Nest of twigs in unused chimney-flues. BL ii 56, M 310, W 143.

428. Ruby-throated Humming-bird — *Trochilus colubris* Linn. Common summer resident, Apr. 28–Sept. About peach-orchards in bloom, flower-gardens, and conservatories. Nest lichen-covered, saddled on limb of tree, often in orchards, 10–25 ft. BL ii 59, M 314, W 141.

444. Kingbird — *Tyrannus tyrannus* (Linn.). Very common summer resident, May 5–Sept. Orchards, fences, and scattered trees in fields. Nest in tree, 10–25 ft. BL ii 15, M 282, W 139.

452. Crested Flycatcher — *Myiarchus crinitus* (Linn.). Scarce and local summer resident, May 15–Aug. Nest found in Wellesley.— S. F. Denton. Back-lying orchards and clearings. Nest, usually in hollow tree, 10–20 ft. BL ii 18, M 284, W 138.

456. Phœbe, Pewee — *Sayornis phœbe* (Lath.). Common summer resident. Mar. 15–Oct. 10. About farm buildings and bridges. Nest on beam in sheds, under barns or bridges. BL ii 23, M 286, W 136.

459. Olive-sided Flycatcher — *Contopus borealis* (Swains.). Formerly common, but now scarce migrant, May 20–30, Aug. Dead limbs and tree-tops among pines. BL ii 26, M 290.

461. Wood Pewee — *Contopus virens* (Linn.). Common summer resident. May 18–Sept. 10. Woodlands and groves. Nest lichen-covered, saddled on limb of tree, 20–40 ft. BL ii 28, M 291, W 135.

463. Yellow-bellied Flycatcher — *Empidonax flaviventris* Baird. Scarce migrant, May 24–June 5, Aug. 25–Sept. 10. Alder-swamps and thickets. BL ii 44, M 298.

466a. Alder Flycatcher — *Empidonax traillii alnorum* Brewst. Rare migrant, May 25–June 10. Aug. Also rare summer resident (Dedham,— Faxon). Newton. — Maynard; Wellesley Hills.— Brewster. Alder patches in open country. BL ii 36, M 293.

467. Least Flycatcher, Chebec — *Empidonax minimus* Baird. Very common summer resident, May 1–Aug. 25. Orchards and shade-trees. Nest in fork of tree, 5–15 ft. BL ii 41, M 296, W 134.

474. Horned Lark, Shore Lark — *Otocoris alpestris* (Linn.). Scarce migrant. Mar. 25–Apr. 12, Oct. 25–Nov. 25; common on coast. In small flocks, running about in fields and pastures. BL i 102, M 246.

477. Blue Jay — *Cyanocitta cristata* (Linn.). Abundant resident. Orchards and woods. Nest in thickets, in tree, 10–20 ft.; May. Have known it to nest in large pine-trees, near farm buildings. BL i 318, M 275, W 132.

484. Canada Jay — *Perisoreus canadensis* (Linn.). Very rare or accidental visitant from North. Newtonville, Maynard (BL i 320). BL i 319, M 278, 474.

488. American Crow — *Corvus americanus* Aud. Common resident. Woodlands, fields, and pastures. Nest in pine-tree, 20–50 ft.; May. BL i 314, M 271, W 131.

494. Bobolink — *Dolichonyx oryzivorus* (Linn.). Common summer resident, May 8–Sept. 10. Damp, grassy fields and pastures. Nest on ground. BL i 292, M 252, W 129.

495. Cowbird — *Molothrus ater* (Bodd.). Common summer resident, Mar. 25–Oct. 15; sometimes winters. A female in the college collection, presented by F. Stratton, bears date of Dec., 1852. Orchards and scattered trees, or on ground in roads and pastures. Eggs laid in nests of other birds. BL i 295, M 254, W 128.

498. Red-winged Blackbird — *Agelaius phœniceus* (Linn.). Abundant summer resident, Mar.–Aug. or later. A few winter in Cambridge. In vicinity of ponds and streams; in spring singing in flocks perched in trees; on hayfields directly after grass is cut. Nest in bush or weeds, 1–3 ft. above water in marshes and streams; May. BL i 298, M 257, W 127.

501. Meadowlark — *Sturnella magna* (Linn.). Common summer resident, Mar.–Oct.; sometimes seen in winter. Damp, grassy fields and pastures. Nest on ground. BL i 301, M 250, W 125.

506. Orchard Oriole — *Icterus spurius* (Linn.). Rare summer resident, May 15–Aug. Orchards and

groves. Nest in tree, near end of limb, 10–20 ft. Bred on college grounds in 1896. BL i 303, M 264.

507. Baltimore Oriole, Fire Hang-bird, Hang-nest — *Icterus galbula* (Linn.). Common summer resident, May 8–Sept. Orchards and shade-trees. Nest pensile near end of limb of fruit or shade-tree, 20–40 ft. BL i 304, M 261, W 124.

509. Rusty Blackbird, Rusty Grackle — *Scolecophagus carolinus* (Müll.). Common migrant, Mar.–May 5; more numerous in Sept.–Oct. In small flocks about streams and swampy ground. BL i 307, M 265, W 123.

511. Purple Grackle, Crow Blackbird — *Quiscalus quiscula* (Linn.). Occasional. Newton,— Maynard. M 267, 269, note.

511b. Bronzed Grackle, Crow Blackbird — *Quiscalus quiscula æneus* (Ridgw.). Common summer resident, Mar.–Oct.; sometimes appears in immense flocks in fall. A few breed. About ponds and streams, or in small flocks in trees in spring. Nest near water, in coniferous trees, holes in stubs, or on bushes, 3–30 ft. BL i 309, M 269, W 122.

514. Evening Grosbeak — *Coccothraustes vespertinus* (Coop.). Casual from Northwest. The first New England record for this species is of five taken at So. Sudbury (not No. Sudbury, as has been stated) on Jan. 1, 1890, by John Goulding. Several were subsequently taken in Wellesley and So. Natick, M 470.

515. Pine Grosbeak — *Pinicola enucleator* (Linn.). Irregular winter visitor, Nov.–Mar.; common in winter of 1895–96. In vicinity of evergreen trees. BL i 214, M 177.

517. Purple Finch — *Carpodacus purpureus* (Gmel.). Common summer resident, Mar.–Oct.; sometimes found in winter. Orchards and groves. Nest in coniferous trees, 5–30 ft.; May–June. BL i 216, M 179, W 120.

English Sparrow, House Sparrow — *Passer domesticus* (Linn.). Abundant resident in villages. Best observed in streets. Nest in bird-houses, niches of buildings, and holes in trees; several broods. BL i 290, M 243, W 96.

521. American Crossbill, Red Crossbill — *Loxia curvirostra minor* (Brehm). Irregular winter visitant, Nov.–Apr.; sometimes common. About coniferous trees, especially the small-fruited, ornamental kinds. BL i 221, M 173, W 119.

522. White-winged Crossbill — *Loxia leucoptera* Gmel. Scarce and irregular winter visitant. Habits like last. BL i 218, M 175, W 118.

527a. Hoary Redpoll — *Acanthis hornemannii exilipes* (Coues). Rare and irregular winter visitant from North. Newtonville,— Maynard, in collection of Mus. Comp. Zool., No. 10861. BL i 224, M 188.

528. Redpoll — *Acanthis linaria* (Linn.). Common, often abundant, but irregular winter visitant, Oct. 25–Apr. In large flocks in fields and trees, feeding on seeds of weeds, alders, and birches. BL i 222, M 188, W 117.

528b. Greater Redpoll — *Acanthis linaria rostrata* (Coues). Irregular, but not very uncommon winter visitant; habits like last species. Newtonville,— Maynard, in collection of Mus. Comp. Zool., No. 10861. M 472.

Brewster's Linnet — *Acanthis brewsterii* (Ridgw.). The only known example of this form was obtained at Waltham, Nov. 1, 1870, from a flock of Redpolls. BL i 225, M 191.

529. American Goldfinch, Yellowbird — *Spinus tristis* (Linn.). Common resident. In flocks in gardens, by roadsides, and in fields on weeds; in winter on weeds and birch-trees. Nest in bush or tree, 5–30 ft.; June–Aug. BL i 226, M 182, W 115.

533. Pine Siskin, Pine Finch — *Spinus pinus* (Wils.). Spring and autumn migrant and winter visitant, usually irregular and scarce, but sometimes common. Sept.–May. Nest and eggs taken in Newton in May, 1883, from pine-tree,— Purdie. Haunts like preceding. BL i 228, M 186.

European Goldfinch — *Carduelis carduelis* (Linn.). Rare resident in vicinity of Boston; introduced from Europe. Waltham,— W. Faxon. BL i 291, M 473.

534. Snowflake, Snow Bunting — *Plectrophenax nivalis* (Linn.). Rather common, but irregular winter visitant, Nov.–Apr. Usually seen in large flocks circling over or feeding in weedy fields and pastures. I once took a solitary individual in Sherborn in first week of Nov. BL i 230, M 191, W 114.

540. Vesper Sparrow, Grass Finch — *Poocætes gramineus* (Gmel.). Common summer resident, Apr. 5–Oct. 15. Pastures and roadsides. Nest on ground. BL i 240, M 207, W 113.

542a. Savanna Sparrow — *Ammodramus sandwichensis savanna* (Wils.). Common migrant, Apr. and Oct., and locally common summer resident. Sings all summer (probably breeds) in Wellesley,— Torrey; common breeder in Wayland,— Faxon. Nest on ground. Most numerous in fall, in damp, grassy and weedy fields. BL i 238, M 204, W 112.

546. Grasshopper Sparrow, Yellow-winged Sparrow — *Ammodramus savannarum passerinus* (Wils.). Scarce, but hardly a rare, summer resident,— Torrey; May 12 —? On fences about dry, weedy fields. Nest on ground. Sherborn, Sudbury, Waltham, Wellesley, etc. BL i 242, M 199.

547. Henslow's Sparrow — *Ammodramus henslowii* (Aud.). Rather rare summer resident. Newtonville,—

Maynard; South Sudbury, May 6, 1890,— A. W. Morse: Weston,— Torrey; (breeds in Norwood also,— Faxon). In breeding season in wet meadows, later in dry fields. BL i 245, M 200.

552. Lark Sparrow — *Chondestes grammacus* (Say). Accidental from West. Newtonville, Nov.; Framingham, Apr. (M 195). BL i 278.

554. White-crowned Sparrow — *Zonotrichia leucophrys* (Forst.). Scarce migrant, May 12–22, Oct. 1–20. Along roadsides and in bushy fence-rows,— Torrey; also in swampy thickets. BL i 275, M 227.

558. White-throated Sparrow, Peabody-bird — *Zonotrichia albicollis* (Gmel.). Common migrant, Apr. 25–May 15, Oct.–Nov. Bred in Framingham in 1880 (B.N.O.C. v 52). Probably sometimes winters. Bushes and thickets. BL i 272, M 224, W 111.

559. Tree Sparrow — *Spizella monticola* (Gmel.). Common migrant, less common winter resident, Oct. 25–Apr. 20. Thickets and bushy fence-rows, near weedy fields and pastures. BL i 263, M 219, W 110.

560. Chipping Sparrow, Chippy — *Spizella socialis* (Wils.). Abundant summer resident, Apr. 15–Oct. 25. Orchards, lawns, fields, and gardens. Nest in trees, vines, etc., 3–20 ft. BL i 266, M 217, W 108.

563. Field Sparrow — *Spizella pusilla* (Wils.). Common summer resident, Apr. 15–Nov. 1; one wintered in Wellesley, 1892–3,— Torrey. Bushy fields and pastures. Nest on ground or in low bushes. BL i 269, M 222, W 107.

567. Slate-colored Junco, Junco, Snowbird, Black Snowbird — *Junco hyemalis* (Linn.). Abundant migrant and common winter resident, Sept. 20–Apr. 20. Melrose, May–July (Auk ix 72). Edges of woods, weedy fields, thickets, etc. BL i 260, M 230, W 105.

581. Song Sparrow — *Melospiza fasciata* (Gmel.). Abundant summer resident, Mar. 10–Nov. 1; frequently seen in winter. Damp meadows and springy runs; in winter with Juncos or Tree Sparrows. Nest on ground or in low bush, May–July. BL i 256, M 209, W 104.

583. Lincoln's Sparrow — *Melospiza lincolnii* (Aud.). Scarce migrant, May 15–25, Sept. 15–Oct. 10. Shy, skulking about bushes and stone walls; in grassy fields with Savanna sparrows in fall. Dedham, Sept., 1896, by C. H. Higbee, Jr.,— G. E. Browne. BL i 252, M 214.

584. Swamp Sparrow — *Melospiza georgiana* (Lath.). Not uncommon local summer resident, Apr. 12–Nov. 10; occasional in winter. Marshes, swamps, borders of streams. Nest on ground or in low bushes. BL i 254, M 215, W 102.

585. Fox Sparrow — *Passerella iliaca* (Merr.). Common migrant, Mar. 15–Apr. 20, Oct. 20–Nov. 15. Bushy fence-rows, thickets, edges of woods. BL i 276, M 229, W 101.

587. Towhee, Chewink — *Pipilo erythrophthalmus* (Linn.). Common summer resident, Apr. 25–Oct. 15. Bushy pastures and scrubby woods. Nest on ground. BL i 289, M 234, W 100.

593. Cardinal, Virginia Redbird — *Cardinalis cardinalis* (Linn.). Occasionally seen; some examples are probably escaped cage-birds, but others are apparently wanderers from New York or farther South. Dr. Faxon reports a *female* from Arlington, a fact which supports this view. I saw a male at Sherborn in spring of 1893 whose plumage and actions seemed those of a wild bird. Others have been reported from Dover, Wellesley, and Newton. BL i 287, M 242.

595. Rose-breasted Grosbeak — *Zamelodia ludoviciana* (Linn.). Common summer resident, May 10–Sept.

10. Orchards, woodlands, and shade-trees. Nest in tree, 5–30 ft. BL i 285, M 240, W 99.

598. Indigo Bunting, Indigo-bird — *Passerina cyanea* (Linn.). Rather common, but somewhat local, summer resident, May 15–Sept. 25. Bushy pastures and clearings. Nest in bush, near ground. BL i 282, M 238, W 97.

608. Scarlet Tanager — *Piranga erythromelas* Vieill. Common summer resident, May 12–Oct. 1. Deciduous woodlands and groves. Nest in tree, 7–20 ft. BL i 177, M 137, W 95.

610. Summer Tanager, Summer Redbird — *Piranga rubra* (Linn.). Very rare or accidental visitant from South, in spring or summer, One example, Framingham, May, many years ago,— A. L. Babcock (Am. Nat. iii 578). BL i 179, M 139.

611. Purple Martin — *Progne subis* (Linn.). Scarce and local summer resident, Apr. 20–Aug. 25. About nesting-site, and sailing high overhead, wandering widely in Aug. Nests in bird-houses in villages; Natick. BL i 189, M 150, W 93.

612. Cliff Swallow, Eaves Swallow — *Petrochelidon lunifrons* (Say). Scarce and local summer resident, Apr. 28–Sept. 1. Flying about near nesting-site. Nests of mud, in colonies, under eaves of buildings. Sherborn, Wellesley, Weston. BL i 184, M 144.

613. Barn Swallow — *Chelidon erythrogastra* (Bodd.). Common summer resident, Apr. 10–Sept. 10. About old barns, in hayfields, on telegraph wires. Nest of mud attached to rafters or beams in old barns. BL i 181, M 142, W 92.

614. Tree Swallow, White-bellied Swallow, "Martin" — *Tachycineta bicolor* (Vieill.). Common

migrant, less common summer resident, Mar. 30–Oct. 12, and less common than formerly. Flying about in vicinity of water or nesting-site or perched on telegraph wires. Nest in bird-house or hole in tree near water; 15–30 ft. BL i 183, M 147, W 91.

616. Bank Swallow, Sand Swallow — *Clivicola riparia* (Linn.). Locally common summer resident, Apr. 28–Sept. 1. Flying about in vicinity of nesting-site. Nest a horizontal burrow in bank of earth, usually near water. BL i 186, M 149, W 90.

619. Cedar Waxwing, Cedar-bird — *Ampelis cedrorum* (Vieill.). Common summer resident, and common but irregular visitor at all other seasons. Orchards in summer, mountain-ash and juniper trees in winter. Nest in fruit- or shade-tree, 5–20 ft., June–July. BL i 192, M 152, W 89.

621. Northern Shrike, Butcher-bird — *Lanius borealis* Vieill. Common winter visitant or winter resident, Nov. 1–Apr. 1. Scattered trees in fields and pastures or near haunts of small birds, on which it feeds in part. BL i 207, M 166, W 88.

622a. White-rumped Shrike (also called Loggerhead Shrike) — *Lanius ludovicianus excubitorides* (Swains.). Rare fall and winter visitant. Framingham, Jan. 29, 1884. — F. C. Browne (Auk i 291); West Newton, Oct. 21, 1872. (BL i 211); Newtonville, Jan. 28, 1875. — Maynard (in collection of Boston Soc. Nat. Hist.). BL i 209, 212, M 170, 470.

624. Red-eyed Vireo — *Vireo olivaceus* (Linn.). Common summer resident, May 10–Sept. 10. Fruit- and shade-trees and woodlands. Nest pensile in fork of branch, 5–40 ft., usually rather low. BL i 195, M 159, W 87.

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626. Philadelphia Vireo — Doubtless occurs, but not reported; see supplementary list.

627. Warbling Vireo — *Vireo gilvus* (Vieill.). Common summer resident, May 10–Sept. 25. Orchards and shade-trees almost exclusively: nest usually higher up in tree than that of Red-eyed Vireo.— Torrey. BL i 200, M 161, W 85.

628. Yellow-throated Vireo — *Vireo flavifrons* Vieill. Common summer resident, May 8–Sept. 1. Orchards and woodlands. In 1896 I found it most common near streams and ponds. Nest pensile, lichen-covered, in fork of branch, 10–30 ft. BL i 201, M 157, W 84.

629. Blue-headed Vireo, Solitary Vireo — *Vireo solitarius* (Wils.). Common migrant, and not rarely nests. Apr. 25–Oct. 5. Shade-trees in migrations: deciduous woods in breeding season. Nest pensile, in fork, 4–10 ft. BL i 203, M 155, W 83.

631. White-eyed Vireo — *Vireo noveboracensis* (Gmel.). Scarce summer resident, May 8–Sept. 20. Thickets, often near streams. Nest pensile, in shrubs, 3–8 ft. BL i 205, M 164.

636. Black and White Warbler, Black and White Creeper — *Mniotilta varia* (Linn.). Common summer resident, Apr. 25–Sept. 5. Woods and thickets. Nest on ground in woods, at base of tree or stump. BL i 106, M 97, W 81.

637. Prothonotary Warbler — *Protonotaria citrea* (Bodd.). Rare migrant, May and Aug., or summer resident. Near Auburndale, June 20, 1890 (M 89). BL i 109, M 89.

641. Blue-winged Warbler — *Helminthophila pinus* (Linn.). Very rare wanderer from South. Recorded from Dedham (BL i 112). BL 111, M 90.

Brewster's Warbler — *Helminthophila leucobronchialis* (Brewst.). Rare wanderer from South. Breeds in Connecticut. The type was taken at Newtonville, May, 1870. BL i 113, M 92.

642. Golden-winged Warbler — *Helminthophila chrysoptera* (Linn.). In eastern Mass. a rather rare summer resident, but locally common in Wellesley,— Torrey. May 12–Aug. 25. Swampy woods. Nest on or near ground in bushy fields; several have been found in Wellesley and Newton,— S. W. Denton, H. A. Purdie. BL i 115, M 91.

645. Nashville Warbler — *Helminthophila rubricapilla* (Wils.). Common migrant, less common summer resident, May 5–Oct. 1. Open woodland. Nest on ground among bushes in clearings. BL i 117, M 94, W 80.

647. Tennessee Warbler — *Helminthophila peregrina* (Wils.). Rare migrant, May 15–28, Aug.–Sept. Newtonville (M 97); Natick,— Roberts; Framingham,— Browne (B.N.O.C. vii 252). BL i 120, M 96.

648a. Northern Parula Warbler, Blue Yellow-backed Warbler — *Compsothlypis americana usneæ* Brewst. Common migrant, May 1–28, Sept. 10–30. Breeds locally (Dedham, Wayland,— Faxon; probably Natick,— Torrey, and Sherborn). Woods and orchards. Nest of Usnea lichens, on trees in swamps, about 20ft. BL i 108, M 100, W 79.

650. Cape May Warbler — *Dendroica tigrina* (Gmel.). Rare migrant, May 15–25, Aug. 25–Sept. 15. Framingham,— Browne (B.N.O.C. vii 252); Sherborn, E. J. Smith — both on May 21, 1882. Others reported by Mr. Babcock. BL i 145, M 103.

652. Yellow Warbler, Summer Yellowbird — *Dendroica æstiva* (Gmel.). Common summer resident, May 1–Sept. 30. Gardens, orchards, bushy swamps, and brooksides. Nest in shrubs and trees, 3–25 ft. BL i 122, M 104, W 78.

654. Black-throated Blue Warbler — *Dendroica cærulescens* (Gmel.). Rather common migrant, May 10–25, Sept. 20–Oct. 10. Swampy woods. BL i 127, M 117.

655. Myrtle Warbler, Yellow-rumped Warbler — *Dendroica coronata* (Linn.). Abundant migrant, April 18–May 20; Aug. 25–Nov. Sometimes winters locally in eastern Mass. Woodlands. BL i 131, M 126, W 77.

657. Magnolia Warbler, Black and Yellow Warbler — *Dendroica maculosa* (Gmel.). Common migrant, May 12–25, Sept. 20–Oct. 5. Woodlands. BL i 143, M 128, W 76.

659. Chestnut-sided Warbler — *Dendroica pensylvanica* (Linn.). Very common in spring migration, less common summer resident, May 5–Sept. 10. Woodlands. Nest in bushes, 1–4 ft. BL i 141, M 107, W 75.

660. Bay-breasted Warbler — *Dendroica castanea* (Wils.). Rather rare migrant, May 15–25, Sept. 12–28. Woodlands. Framingham, Newton, Sherborn,— numerous specimens. BL i 138, M 109.

661. Blackpoll Warbler — *Dendroica striata* (Forst.). Abundant migrant,— Torrey; May 12–June 5, Sept. 8–Oct. 15. Woodlands and orchards. BL 136, M 111.

662. Blackburnian Warbler — *Dendroica blackburniæ* (Gmel.). Rather rare migrant, sometimes not scarce, May 12–22, Sept. 15–Oct. Woodlands. Nest in coniferous trees, 10–40 ft. Breeds in Concord; summers, doubtless breeds, in Sudbury,— Faxon. BL i 134, M 113. 136, W 74.

663. Yellow-throated Warbler — *Dendroica dominica* (Linn.). Accidental from South. One example recorded from Dedham, about 1868 (BL i 149). BL 149, M 469.

667. Black-throated Green Warbler — *Dendroica virens* (Gmel.). Very common summer resident, May 1–Oct. 15. Pine woods. Nest in pine tree, 15–50 ft. BL i 124, M 119, W 71.

671. Pine Warbler, Pine-creeping Warbler — *Dendroica vigorsii* (Aud.). Common summer resident, April 10–Oct. 20. Woodlands, especially of pitch-pine. Nest in pine-trees, 30–50 ft. BL i 152, M 122, W 73.

672. Palm Warbler — *Dendroica palmarum* (Gmel.). Scarce fall migrant, Sept. 25–Oct. 10. Found with the next. Mr. Bradford Torrey reports seeing at Wellesley Hills birds that he fully believed to be this species. M 469.

672a. Yellow Palm Warbler, Yellow Redpoll Warbler — *Dendroica palmarum hypochrysea* Ridgw. Common migrant, Apr. 15–May 5, Oct. 1–15. Thickets and brushy roadsides, often much upon the ground. BL i 150, M 124, W 72.

673. Prairie Warbler — *Dendroica discolor* (Vieill.). Locally common summer resident, May 8–Sept. 15. Bushy hillside pastures. Nest in bushes. BL i 147, M 106, 136, W 70.

674. Ovenbird — *Seiurus aurocapillus* (Linn.). Very common summer resident, May 6–Sept. 15. Woodlands. Nest on ground, covered, in woods. BL i 155, M 83, W 68.

675. Water-thrush — *Seiurus noveboracensis* (Gmel.). Common migrant, May 8–25, Aug. 10–Oct. 10. Wooded shores of ponds and streams. BL i 157, M 80, W 67.

678. Connecticut Warbler — *Geothlypis agilis* (Wils.). Scarce; rather frequently seen in fall,— Torrey; Sept. 10–30. (Exceedingly rare in spring, at times locally abundant in fall,— Brewster, M 87.) Woods and thickets, often upon ground; two specimens reported were caught by cats. BL i 160, M 87.

679. Mourning Warbler — *Geothlypis philadelphia*

(Wils.). Rare migrant, May 22–June 6, Sept. 12–30. Framingham, May 23, 1892, male, watched for some time at a distance of a few feet.— F. C. Browne; Mr. Torrey reports seeing at least two in Wellesley in the last year or two, and watched one for several hours. BL i 166, M 86.

681. Maryland Yellow-throat — *Geothlypis trichas* (Linn.). Abundant summer resident, May 5–Oct. 20. Has twice wintered near Boston. Bushy meadows, swamps, and springy runs. Nest on or near ground. BL i 164, M 84, W 66.

683. Yellow-breasted Chat — *Icteria virens* (Linn.). Rare, local summer resident, May 15– ? Nest in bushes near ground. Newtonville,— Maynard; Wellesley,— S. W. Denton: West Newton, a nest with young,— Purdie. BL i 168, M 135.

684. Hooded Warbler — *Sylvania mitrata* (Gmel.). In southern Conn. a locally summer resident; here only a very rare wanderer. Framingham, adult male caught in barn, at night, Oct. 15, 1893,— H. D. Eastman. BL i 170, M 132.

685. Wilson's Warbler — *Sylvania pusilla* (Wils.). Scarce migrant, May 12–25, Sept. 1–20. Woodland undergrowths. BL i 171, M 132.

686. Canadian Warbler — *Sylvania canadensis* (Linn.). Rather scarce migrant, May 18–28, Sept. 1–20, and rare summer resident. Swampy woods. Nest on ground, in bank, or under root. Breeds in Natick.— Torrey; Dedham,— Faxon. BL i 173, M 130.

687. American Redstart — *Setophaga ruticilla* (Linn.). Common, but somewhat local, summer resident, May 5–Sept. 20. Deciduous woods. Nest in fork of small tree, 5–20 ft. BL i 175, M 133, W 65.

697. American Pipit, Titlark — *Anthus pensilvani-*

cus (Lath.). Migrant, somewhat local, very common in fall, much less so in spring; Mar. 29–May 20, Sept. 20–Nov. 10. Tilled or newly ploughed fields. BL i 104, M 78.

703. Mockingbird — *Mimus polyglottos* (Linn.). Rare wanderer from South, in summer or fall (occasionally breeds in extreme southern N.E.). Examples are occasionally observed in perfect plumage and acting like wild birds. Waltham, Apr. 7, 1892.— H. A. Purdie; Sherborn, Oct. 26, 1889,— E. J. Smith; Framingham, Nov. 25, 1894.— F. C. Browne (Auk xii 84). BL i 61, M 42.

704. Catbird — *Galeoscoptes carolinensis* (Linn.). Very common summer resident, May 6–Sept. 30. Damp woods and thickets. Nest in shrubbery, 3–8 ft. BL i 63, M 42, W 63.

705. Brown Thrasher, Brown Thrush — *Harporhynchus rufus* (Linn.). Very common summer resident, Apr. 25–Oct. 15. Has been seen at Arlington on Dec. 15 (Auk xiii 176). Borders of upland woods, thickets, and scrubby growths in pastures. Nest on or near ground among bushes. BL i 65, M 45, W 62.

721. House Wren — *Troglodytes aëdon* Vieill. Scarce summer resident, May 1–Sept. 25; only occasionally seen here, in spring, but said to be locally common in eastern Mass. Has bred in Wellesley Hills more than once,—Torrey. Orchards, nooks about stone walls, and shrubbery near buildings. Nest in bird-house or crevice of any kind. BL i 95, M 73, W 60.

722. Winter Wren — *Troglodytes hiemalis* Vieill. Scarce migrant and rare winter resident, Sept. 20–May. Woodpiles and fallen trees, stone walls, bushy nooks. BL i 97, M 69, W 59.

724. Short-billed Marsh Wren — *Cistothorus stellaris* (Licht.). Locally common summer resident, May 15–Oct. 1. Wet, sedgy meadows and swamps. Nest globular, of grass, on or near ground. BL i 100, M 76, W 58.

725. Long-billed Marsh Wren — *Cistothorus palustris* (Wils.). Locally common summer resident, May 15–Oct. A few winter in Cambridge. Borders of streams among coarse reedy grasses and sedges. Nest globular, attached to sedge, grass, or bushes, 1–2 ft. Found a nest containing two fresh eggs on Aug. 1, Sherborn. BL i 99, M 77, W 57.

726. Brown Creeper — *Certhia familiaris americana* (Bonap.). Common winter resident, Sept. 25–May 1. Has twice nested in eastern Mass.,— M 66. Woods and groves, climbing tree-trunks spirally. Often found in company with Chickadees. BL i 90, M 66, W 55.

727. White-breasted Nuthatch — *Sitta carolinensis* Lath. Rather common resident, most plentiful as migrant, in Oct. and Nov. Orchards and woodlands, clambering about on trunks and larger limbs. Nest in hole in tree or stump, Apr. BL i 87, M 61, W 54.

728. Red-breasted Nuthatch — *Sitta canadensis* Linn. Irregular migrant and winter resident, sometimes common, especially in fall; Sept. 15–May. On trunks and about cones of evergreen trees. BL i 88, M 64, W 53.

735. Chickadee, Titmouse — *Parus atricapillus* Linn. Very common resident. Everywhere, on trees. Nest, a hole in tree, 3–15 ft., May, July. BL i 83, M 57, W 51.

740. Hudsonian Chickadee — *Parus hudsonicus* Forst. Rare or casual winter visitant Oct.–Apr. Pine woods. One male, Oct. 30, 1880, Wellesley,— in collection of S. F. Denton (Auk vii 408). BL i 85, M 60.

748. Golden-crowned Kinglet — *Regulus satrapa* Licht. Common in spring and fall, and at times in winter, Sept. 20–Apr. 15. Evergreen trees. BL i 73, M 52, W 49.

749. Ruby-crowned Kinglet — *Regulus calendula* (Linn.). Common migrant, Apr. 10–May 5, Oct. 10–Nov. 5. Woodlands. BL i 71, M 50, W 48.

755. Wood Thrush — *Turdus mustelinus* Gmel. Rather common summer resident, May 12–Sept. 15. Swampy undergrowths of deciduous woods in wilder parts of district. Nest in saplings, about 8 ft. BL i 54, M 25, W 46.

756. Wilson's Thrush, Veery — *Turdus fuscescens* Steph. Common summer resident, somewhat local; May 10–Sept. 8. Swampy woodlands. Nest in shrubbery, on or near ground. BL i 60, M 28, W 45.

757. Gray-cheeked Thrush — *Turdus aliciæ* Baird. Rare or scarce migrant, May 15–25, Sept. 25–Oct. 6. Woodland undergrowth. Newtonville, not very uncommon in spring,— Maynard; Framingham, occasionally seen,— F. C. Browne. BL i 59, M 35.

757a. Bicknell's Thrush — *Turdus aliciæ bicknelli* (Ridgw.). Scarce migrant, May 15–25, Sept. 25–Oct. 6. Wellesley Hills, female, Oct. 5, 1885; Dedham, Oct. 4, 1883,— both in collection of W. Brewster. M 466.

758a. Olive-backed Thrush — *Turdus ustulatus swainsonii* (Cab.). Common migrant, May 12–June 3, Sept. 10–Oct. 5. Woodland undergrowths. Newton,— Maynard. BL i 57, M 33, W 44.

759b. Hermit Thrush — *Turdus aonalaschkæ pallasii* (Cab.). Common migrant, rarely breeds; Apr. 16–May 5, Oct. 5–Nov. 15. Sometimes winters near Boston. Woodland undergrowths, shrubbery, etc. Nest in secluded woodlands, on or near ground; June, July. BL i 55, M 30, W 43.

761. American Robin — *Merula migratoria* (Linn.). Abundant summer resident, Mar.–Oct.; sometimes

a few winter. Orchards and clearings, lawns and fields. Nest usually in trees, 4–30 ft. A summer roost was once found by Mr. Torrey near road to Weston. BL i 51, M 37, W 41.

766. Bluebird — *Sialia sialis* (Linn.). Common summer resident, Mar. 6–Nov. 1, rarely seen in winter (Roxbury,— B.N.O.C. iii 76; Melrose,— Auk viii 239). About farm-houses, and apple-orchards with hollow trees. Nest in hole in tree or in bird-house. BL i 68, M 47, W 39.

SUPPLEMENTARY LIST

OF ADDITIONAL LAND-BIRDS FOUND IN NEW ENGLAND.

It will be noticed that all but fifteen have been taken in eastern Massachusetts.

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298. **Canada Grouse, Spruce Partridge** — *Dendragapus canadensis* (Linn.). Accidental from northern N.E., at Gloucester and Roxbury, Mass. BL ii 148, M 403.

301. **Willow Ptarmigan** — *Lagopus lagopus* (Linn.). Accidental from far North, at Manchester, Mass., and Kenduskeag, Me. BL ii 145, M 403.

306. **Heath Hen** — *Tympanuchus cupido* (Linn.). Martha's Vineyard, resident, nearly exterminated. BL ii 146, M 404.

326. **Black Vulture** — *Catharista atrata* (Bartr.). Rare wanderer from South; several instances in eastern Massachusetts (Hudson, Swampscott, Gloucester) and even Maine. BL ii 137, M 392.

327. **Swallow-tailed Kite** — *Elanoides forficatus* (Linn.). Rare wanderer from South; West Newbury and Whately, Mass., also Conn. BL ii 103, M 477.

349. Golden Eagle — *Aquila chrysaëtos* (Linn.). Scarce resident in northern N.E.; in winter rarely to Mass. or even Conn. Essex Co. and Lexington, Mass. (Nat. Guide 133), and other places. BL ii 130, M 383.

353. White Gyrfalcon — *Falco islandus* Brünn. Accidental from far North. So. Winn, Me. M 478.

354. Gray Gyrfalcon — *Falco rusticolus* Linn. Accidental from far North. Portland, Me., Oct. 13, 1877. If correctly identified, the only N.E. example known. M 478.

354a. Gyrfalcon — *Falco rusticolus gyrfalco* (Linn.). Very rare winter visitant from North, Oct. to Apr. Me., R.I., and Northampton, Stow, and Melrose, Mass. M 361, 479.

354b. Black Gyrfalcon — *Falco rusticolus obsoletus* (Gmel.). Rare fall and winter visitant from North, Oct.–Mar. Me., N.H., R.I., and Ipswich and Boston Harbor, Mass. M 480.

356. Duck Hawk, American Peregrine Falcon — *Falco peregrinus anatum* (Bonap.). Breeds, nesting on cliffs, in mountainous parts of N.E. In eastern Mass. a rare transient visitant, casual in winter. BL ii 111, M 362.

[**359. 1.**] **Kestrel** — *Falco tinnunculus* Linn. Accidental from Europe. One example, Nantasket Beach, Hull, Mass., Sept. 29, 1887,— Cory, Auk v 110, 205.

378. Burrowing Owl — *Speotyto cunicularia hypogæa* (Bonap.). Accidental from West. One example, Newburyport, Mass., May 4, 1875. BL ii 99, M 358.

401. American Three-toed Woodpecker, Banded Three-toed Woodpecker — *Picoides americanus* Brehm. Very rare winter visitant from North. One pair recorded from Lynn, Mass. BL ii 76, M 333.

416. Chuck-will's-widow — *Antrostomus carolinensis* (Gmel.). Rare summer visitant from South, May–Sept. Mass. and Me. BL ii 159, M 309.

nensis (Gmel.). Accidental from South. One example, Revere, Mass., Oct., 1884. M 476.

443. Scissor-tailed Flycatcher — *Milvulus forficatus* (Gmel.). Accidental from far Southwest. Two examples recorded from Conn. and Vt. BL ii 12, M 475.

445. Gray Kingbird — *Tyrannus dominicensis* (Gmel.). Accidental from South. One example, Lynn, Mass., Oct. BL ii 14, M 282.

447. Arkansas Kingbird — *Tyrannus verticalis* Say. Accidental from far West, at Elliot, Me., many years ago. BL ii 13, M 475.

457. Say's Phœbe — *Sayornis saya* (Bonap.). Accidental from West, at North Truro, Mass., Sept. 30, 1889. M 475.

465. Green-crested Flycatcher — *Empidonax virescens* (Vieill.). Very rare summer resident of Conn. and eastern Mass. Bred at Hyde Park, Mass., June, 1888; Milton,— Torrey. BL ii 31, M 300.

474b. Prairie Horned Lark — *Otocoris alpestris praticola* Hensh. Scarce summer resident in N.H., Vt., and Berkshire Co., Mass. Found in small numbers on coast of southern N.E. in spring and fall. M 475.

486a. Northern Raven, American Raven — *Corvus corax principalis* Ridgw. Rare resident or fall and winter visitor in northern N.E.; rarely to Mass. Recorded from Williamstown and Tyngsboro, Mass. BL i 313, M 271.

490. Fish Crow — *Corvus ossifragus* Wils. Scarce summer resident in southern Conn.; accidental at Cambridge, Springfield, and Wareham, Mass. BL i 317, M 271.

497. Yellow-headed Blackbird — *Xanthocephalus xanthocephalus* (Bonap.). Rare summer wanderer from West; several instances, Me., Conn., and Eastham and Watertown, Mass. BL i 300, M 261.

508. Bullock's Oriole — *Icterus bullocki* (Swains.). Accidental from West, at Bangor, Me. Auk vii 92.

528a. Holbœll's Redpoll — *Acanthis linaria holbœllii* (Brehm). Very rare or accidental winter visitant from North. Lexington and Swampscott, Mass. M 472.

536. Lapland Longspur — *Calcarius lapponicus* (Linn.). Rare coastwise migrant in early spring and late fall, but common at Ipswich, Mass., in Oct. and Nov., with Snow Buntings and Shore Larks. BL i 233, M 194.

538. Chestnut-collared Longspur — *Calcarius ornatus* (Towns.). Accidental from Great Plains at Magnolia, Mass., July. BL i 234, M 473.

541. Ipswich Sparrow — *Ammodramus princeps* (Mayn.). Migrant, common on seashore, Mar. 15–Apr. 10, Oct. 15–Nov. 20; very rare winter resident.— Faxon. One example taken at Cambridge, but usually restricted to immediate neighborhood of sea. BL i 235, M 201.

549. Sharp-tailed Sparrow — *Ammodramus caudacutus* (Gmel.). Local summer resident, in saltmarshes from N.H. southward; common in eastern Mass. May–Sept. Nest on ground. BL i 247, M 197.

549a. Nelson's Sparrow — *A. c. nelsoni* Allen. Near Boston a scarce fall migrant, Oct. 8–15. Local, in salt or brackish marshes near coast. M 473.

549b. Acadian Sharp-tailed Sparrow — *A. c. subvirgatus* Dwight. Very common coastwise migrant; in saltmarshes near Boston, May 20–June 8, Sept. 3–Nov. 5; most plentiful in Oct. M 473.

550. Seaside Sparrow — *Ammodramus maritimus* (Wils.). Abundant summer resident in southern Conn.; rare straggler in saltmarshes in eastern Mass. Nahant, Aug. BL i 251, M 196.

562. Brewer's Sparrow — *Spizella breweri* Cass.

Accidental from West, at Watertown, Mass., Dec. 15, 1873. BL i 272, M 474.

567b. Hybrid Junco — *Junco hyemalis connectens* Coues. Accidental from West, at Watertown, Mass., Mar. BL i 263, M 234.

597. Blue Grosbeak — *Guiraca cærulea* (Linn.). Accidental from South in Me., N.H., and Brookline, Mass. BL i 284, M 239.

601. Painted Bunting, Nonpareil — *Passerina ciris* (Linn.). Accidental from South, or escaped cage-bird. A male in perfect plumage and showing no signs of cage life was taken in Longwood, Mass., June 5, 1896,— Auk xiii 261; another was observed at Arlington, Mass., by Dr. Faxon, on July 22, 1894. There is little doubt that these were stragglers from the South.

604. Dickcissel, Black-throated Bunting — *Spiza americana* (Gmel.). Formerly a scarce summer resident near coast, now very rare or accidental from the West. Watertown ("near Newtonville" — BL i 280); Cambridge, Hyde Park, etc. BL i 279, M 236.

605. Lark Bunting — *Calamospiza melanocorys* Stejn. Accidental from West, at Lynn, Mass., Dec. 5, 1877. BL i 279, M 474.

607. Western Tanager, Louisiana Tanager — *Piranga ludoviciana* (Wils.). Accidental from West in fall and winter, at Lynn, Mass., Me., and Conn. BL i 180, M 470.

617. Rough-winged Swallow — *Stelgidopteryx serripennis* (Aud.). Scarce summer resident in southwestern Conn., and at No. Adams, Mass. BL i 187, M 470.

618. Bohemian Waxwing, Northern Waxwing — *Ampelis garrulus* Linn. Very rare winter visitant from North. Bolton and Lynn, Mass. BL i 191, M 154.

626. Philadelphia Vireo — *Vireo philadelphicus* (Cass.). Rare summer resident in Me. and northern N.H.; in eastern Mass. a very rare fall migrant, Sept. Brookline, Cambridge, Magnolia. BL i 197, M 163.

639. Worm-eating Warbler — *Helmitheros vermivorus* (Gmel.). Local summer resident in southern Conn.; rare wanderer in Mass. One example, in early fall, Cambridge. Mr. Babcock feels very certain that he took an example of this species at Sherborn when beginning to collect, but the specimen was not preserved. BL i 110, M 88.

Lawrence's Warbler — *Helminthophila lawrencei* (Herrick). Scarce summer visitant in southern Conn. M 468.

646. Orange-crowned Warbler — *Helminthophila celata* (Say). Very rare fall migrant, Sept.–Oct.; one example in Jan. R.I., and Lynn and Concord, Mass. BL i 118, M 95, 136.

656. Audubon's Warbler — *Dendroica auduboni* (Towns.). Accidental from far West, at Watertown, Mass., Nov. 15. BL i 133, M 468.

658. Cerulean Warbler — *Dendroica rara* (Wils.). Very rare or accidental summer visitant to Conn. and R.I. BL i 129, M 116.

676. Louisiana Water-thrush, Large-billed Water-thrush — *Sciurus motacilla* (Vieill.). Common summer resident in parts of Conn. and R.I. Breeds also in southern part of Berkshire Co., Mass. Auk xiii 344. BL i 158, M 82.

677. Kentucky Warbler — *Geothlypis formosa* (Wils.). Very rare summer resident in Conn. (Auk x 86). BL i 162.

718. Carolina Wren — *Thryothorus ludovicianus* (Lath.). Rare and irregular summer visitant in southern

N.E. Rye Beach, N.H., Brookline, Cambridge, Lynn, Mass. BL i 93, M 72.

731. Tufted Titmouse — *Parus bicolor* Linn. Rare or accidental from South in southern Conn. in Jan. and Feb. BL i 82, M 468.

751. Blue-gray Gnatcatcher — *Polioptila cærulea* (Linn.). Rare visitant, chiefly in summer and fall, in southeastern N.E.; Chatham, Falmouth, Magnolia, Mass.; Portland, Me., Apr. 18, 1896 (Auk xiii 264). BL i 77, M 55.

763. Varied Thrush — *Hesperocichla nævia* (Gmel.). Accidental from far West, at Ipswich, Mass., Dec. BL i 53, M 41.

765. Wheatear — *Saxicola œnanthe* (Linn.). European; a straggler from far North at Eastport, Me., Long Island, N.Y., etc. BL i 67, M 50.

BIRDS MOST LIKELY TO BE NOTICED WITHIN A HALF-MILE OF WELLESLEY COLLEGE.

In Winter, Dec. 1–Mar. 1 : —

Nos. 394, 412, 477, 488, 515, 517+, 521, 522, 528, 529, 534, 559, 567, 619, 621, 726, 727, 728, 735, 748.

In Summer, June 15–Sept. 1 : —

Nos. 263, 387, 388, 390, 394, 412, 417, 423, 428, 444, 456, 461, 467, 477, 488, 494, 495, 498, 507, 517, 517+, 529, 540, 560, 563, 581, 587, 595, 598, 608, 611, 613, 619, 624, 627, 628, 636, 652, 659, 667, 671, 674, 681, 687, 704, 705, 727, 735, 756, 761, 766.

In Spring and Fall, but often for limited periods only, add to the summer list the following : —

Nos. 172, 393, 509, 511b, 521, 528, 554, 558, 559, 567, 584, 614, 621, 629, 645, 648, 654, 655, 657, 672a, 675, 722, 726, 728, 748, 758a, 759b.

ADDENDUM.

Since the foregoing pages were prepared there has come to my notice a paper on the birds of Dedham, by Julius Ross Wakefield ("Dedham Historical Register," vol. II. pp. 1–7, 70–74, 1891). This is in two parts, the first ("Notes on the Birds of Dedham," pp. 1–7, January) dealing with habits and local distribution, the second ("A List of the Birds of Dedham," pp. 70–74, April) being an annotated list of species. Mr. Wakefield informs me that this list was intended to stimulate observation and inquiry rather than to be a contribution to ornithology, the records not being in all cases as reliable as is necessary for the latter purpose. The following species, not appearing in the Wellesley list, need mention here: Marbled Godwit, Long-billed Curlew, Hudsonian Curlew, Eskimo Curlew, Black-bellied Plover, Raven, Holbœll's Redpoll. The first five of these, if correctly identified, are coastwise migrants, appearing casually on the meadows of the Neponset and Charles Rivers. The Holbœll's Redpoll doubtless refers to the form now known as the Greater Redpoll, which was formerly thought to be Holbœll's. Concerning the Raven, I judge from the remarks of Mr. Wakefield that he regards the specimen accredited to Mr. Lathrop as authoritative. A change of the sub-specific name *sinuatus*, to *principalis*, is doubtless necessary.

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DEPARTMENT OF
ZOOLOGY.

Dec. 19, 1907

Dr. Benj. Adams
120 Amity St., Brooklyn, N.Y.

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